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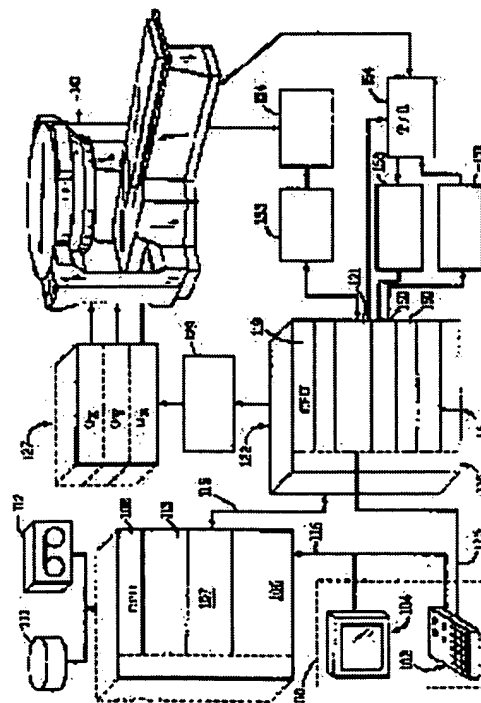
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(54) METHOD OF COMPENSATING FOR RESIDUAL MAGNETISM IN MAGNETIC RESONANCE IMAGING SYSTEM AND THE MAGNETIC RESONANCE IMAGING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To control residual magnetism in a magnetic resonance imaging system for decreasing image artifacts.

SOLUTION: A magnetic resonance imaging system includes a gradient compensation system 129 for adding a residual magnetic reset gradient waveform to an imaging gradient waveform which is generated during scanning. These magnetic compensation gradients maintain residual magnetism in the system at a certain level, and thereby the image artifact is decreased.



LEGAL STATUS

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